



**Massachusetts Bay  
Transportation Authority**

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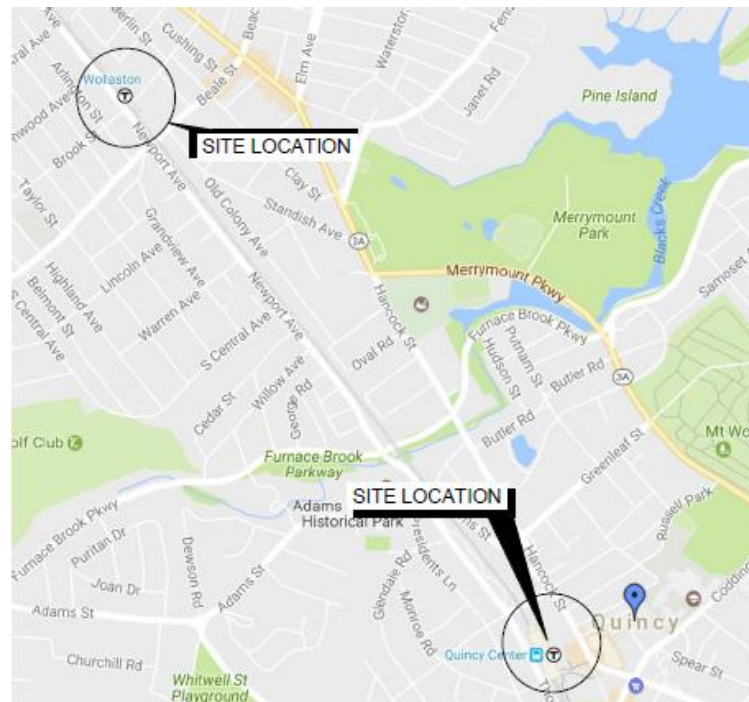
**Construction Contract A47CN01:  
Wollaston Station Improvements and  
Quincy Center Garage Demolition**

**June 2017**



## OVERVIEW

- Today's board action will provide for the construction of improvements to the Wollaston Station and the demolition of the Quincy Center Station Garage. The project is located along the Red Line in the City of Quincy, MA.





## Funding

Full funding for this project is currently provided from MBTA revenue bonds. This project is in the Transportation Improvement Plan (TIP) and is therefore eligible for 80% Federal Transportation Administration (FTA) participation with a 20% MBTA match.



**Wollaston Station**



## Construction Project Overview – Wollaston Station Improvements

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## Construction Scope – Wollaston Station Improvements

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This project will upgrade the existing Wollaston Station to provide a modern, accessible, and code-compliant facility.

- Accessibility Improvements
  - New fully accessible path to a high level center island platform
  - Accessible entrance on Newport Ave. via a ramp down to the existing lobby.
  - Accessible entrance from the parking lot via a new lobby including a ramp down to the existing lobby and unpaid pass-through.
  - Access from the existing lobby to the platform via a new elevator.
  - Redundant access & egress to the platform via two (2) new elevators and a bridge over the tracks.



## Construction Scope – Wollaston Station Improvements

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This project will upgrade the existing Wollaston Station to provide a modern, accessible, and code-compliant facility.

- Structural Upgrades – New Platform Slab & New Platform Canopy
- Bridge Access to Platform
- New South Stair to Renovated Lobby
- Track Rehabilitation
- Station Electrical Service Upgrade
- Upgraded Utilities



## Operations During Construction

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### Wollaston Station

- There will be a total of 18 weekend diversions during construction.
- There will be 44 weeks of Early Access (the last train of the day will be 9 PM with overnight work starting at 10 PM).
- The station will be closed for 20 months starting in the Fall, 2017.
- A bus shuttle will be provided between Wollaston Station and North Quincy Station to mimic current Red Line headways.
- Additional Customer Service Agents will be assigned to North Quincy Station to provide for the orderly embarking of passengers during the morning rush.
- During the station closure a dedicated police detail will be provided at Neponset Circle.



## Construction Project Overview – Demolition of Quincy Center Garage







## Construction Scope – Quincy Center Station Garage Demolition

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This project will demolish the 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> levels of the existing Quincy Center Garage which has been closed since 2012.

- Includes demolition of two stair towers, ramp from level 2 to 3, helical ramp, elevator/stair tower.
- Membrane waterproofing along with fencing and drainage improvements will be added to the 2<sup>nd</sup> level, to remain as the roof of the existing station lobby.
- Elevator 810 with service from the lobby to the Red Line platform will be demolished and replaced along with a new machine room and fare collection. Elevator 871 with past service to the garage will be demolished.
- Other improvements include a new, accessible station entrance off of Burgin Parkway along with improved station signage.



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## Construction Mitigation – Quincy Center and Wollaston Station

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### Bus Replacement Service:

- A bus shuttle will be provided between Wollaston Station and North Quincy Station to mimic current Red Line headways.
- Additional Customer Service Agents will be assigned to North Quincy Station to provide for the orderly embarking of passengers during the morning rush.

### Traffic Management:

- During the station closure a dedicated police detail will be provided at Neponset Circle.

### Additional Travel Options:

- The MBTA has given financial support to Quincy enabling the operation of a ferry service out of Squantum Point.



## Operations During Construction

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### Quincy Center Station

- Quincy Center Station lobby servicing Red Line and Commuter Rail operations will remain in service.
- Current bus service to the station will remain in service via a temporary bus lane 50' from the existing structure.



## Project Benefits

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- Upon construction completion, Wollaston Station will be the final station on the Red Line to become fully accessible.
  - A common structure houses the Wollaston Station parking lot headhouse for the required egress bridge over the tracks and the new lobby that provides accessibility, which allows for the relocation of all back-of-house facilities to a new location under the stairs and bridge while eliminating the need to renovate the existing noncompliant back-of-house spaces.
  - Wollaston Station lighting, communication, life safety, and associated technology are being upgraded to provide for an enduring station that will last 50 years or more.
  - Demolition of the Quincy Center Station Garage prepares the site for future development while keeping the station open during construction.
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## Construction Advertisement

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- Project was advertised on April 25, 2017
- Engineer's Estimate was \$71,633,122
- Bid Opening was on June 7, 2017
- Four (4) Bids were received

**\$67,867,000      JV: LMH-CMC (Low Bidder)**

\$69,897,000      Barletta Heavy Division, Inc.

\$79,566,700      JV: SPS/RCC

\$81,992,000      The Middlesex Corp.

Bid analysis has been completed

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## Request of the Fiscal and Management Control Board

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Staff request that the Fiscal and Management Control Board authorize the MBTA Chief Administrator and Acting General Manager to award and execute Construction Contract A47CN01: **Wollaston Station Improvements and Quincy Center Garage Demolition Project** with JV: LM Heavy Civil Construction, LLC. And Cooperativa Muratori & Cementisti – CMC di Ravenna for an amount not to exceed \$67,867,000.